

# Product data sheet

Specifications



## MGE Galaxy 300 20kVA 400V 3:1, Start-up 5x8

G3HT20K3IS

⚠ Discontinued on: Apr 29, 2024

⚠ To be end-of-service on: Dec 31, 2029

⚠ Discontinued - Service only

### Overview

Presentation	Effective three phase power protection against downtime and data loss for mission critical applications. UPS supplied without batteries so third-party batteries can be installed internally
Lead time	Usually Ships within 2 Weeks

### Main

Main Input Voltage	400 V 3 phases
Other Input Voltage	380 V 415 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated power in W	16000 W
Rated power in VA	20000 VA
Output connector type	Hard wire 3-wire (H N + E) 1
Battery type	Internal third-party batteries (not supplied)
Provided equipment	CD with software Installation guide Network management card Start-up service User manual

### Batteries & Runtime

Efficiency	<a href="#">View Efficiency Graph</a>
Number of battery filled slots	0
Number of battery free slots	0
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery power in VAh	0 VAh runtime
Extended runtime	0

### General

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## Physical

Height	130 cm
Width	50 cm
Depth	86 cm
net weight	185 kg
Mounting preference	No preference
USB compatible	No

## Input

Network frequency	45...65 Hz
Number of input connectors	1 hard wire 5-wire (3P + N + E)
Input voltage limits	323...437 V adjustable 380 V 340...460 V adjustable 400 V 357...477 V adjustable 415 V 340...477 V
Maximum input current	30 A
Switching current capacity	63 A
Input harmonic distortion	Less than 3 % for full load
Input protection type	GL fuse
Inrush current	200 A peak
Load power factor	0.5 leading to 0.5 lagging
Input Power Factor at Full Load	0.99

## Output

Maximum configurable power in W	16000 W
Harmonic distortion	Less than 5 %
Output frequency	50/60 Hz +/- 5 % sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest factor	2.5 : 1
Wave type	Sine wave
Output voltage tolerance	+/- 2% static and 100% load step
Output harmonic distortion	< 3% linear load and < 5% non-linear load
Output overload operation	60 seconds at 120% and 30 seconds at 145%
Required output current protection	250 A
Bypass type	Built-in maintenance bypass
Maximum output current	130 A
Maximum configurable power in VA	20000 VA

## Conformance

Product certifications	CE TÜV
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Standards	EN/IEC 62040-2 EN/IEC 62040-3 EN/IEC 62040-1-1 EN 61000-4-5 IEC 62040-2
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## Environmental

Ambient air temperature for operation	0...35 °C
Relative humidity	0...95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	-10...60 °C
Storage Relative Humidity	0...95 %
Storage altitude	0.0000000000...9144.0000000000 m
Acoustic level	53.6 dBA
heat dissipation	1212 Btu/h
IP degree of protection	IP20

## Communications & Management

Preinstalled device	Network management card
control panel	Multifunction LCD status and control console
Emergency power off	Yes

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	144 cm
Package 1 Width	80 cm
Package 1 Length	96.5 cm
Package 1 Weight	210.558 kg

## Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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# Sustainability

**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.


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[Guide to assess a product’s sustainability >](#)




Energy Efficient   Take-back   Transparency

## Resource performance

 Energy Efficient Product

 Take-Back Program Available

## Well-being performance

 Mercury Free

Eu Rohs Directive

Will be compliant – Date to be confirmed

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

[End of Life Information](#)